



Docket No.: 4590-125

\$3662  
CC  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of

Inventor(s): Todd V. TOWNSEND et al.

Confirmation No. 6924

U.S. Patent Application No. 09/848,954

Group Art Unit: 3662

Filed: May 3, 2001

Examiner: ISSING, GREGORY C.

For: LOW SIGNAL-TO-NOISE RATIO POSITIONING SYSTEM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of the Final Rejection or Notice of Allowance.

This application is related to U.S. Patent Application No. 09,848,768.

04/09/2004 SMINASS1 00000001 09848954

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180.00 OP

A credit card authorization form in the amount of \$180.00 is attached. Any deficiency or overpayment should be charged or credited to Deposit Account No. 07-1337.

Respectfully submitted,

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**INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION**  
(PTO-1449)

ATTY. DOCKET NO.  
4590-125

U.S. PATENT  
APPLICATION NO.  
09/848,954

APPLICANT  
**Todd V. TOWNSEND et al.**

FILING DATE  
May 3, 2001

GROUP  
3662

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,189,011	2/13/01	Lim et al			
	6,226,650	5/1/01	Mahajan et al			
	6,178,425	1/23/01	Brodersen et al			
	5,963,582	Oct. 5, 1999	Stansell, Jr.			
	6,047,017	Apr. 4, 2000	Cahn et al			
	4,178,550	Dec. 11, 1979	Acampora et al			

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.